UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D.C., 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL - 8 2011

MEMORANDUM

SUBJECT: Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test.

FROM: Susan Lawrence, Chief
Microbiology Laboratory Branch
Biological and Economic Analysis Division

TO: Emily Mitchell, Chief
Products Science Branch
Antimicrobials Division

Enclosed please find the Biological Report of Analysis and associated test report (efficacy evaluation) for Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40). The registrant forwarded a sample of the product (lot# A 41086) to the OPP Microbiology Laboratory Branch (MLB) for efficacy testing as a split sample. MLB received the product on May 12th, 2011, designated it as sample# 5813-40, and placed it under chain of custody. The chemical formulation analysis was conducted by the Analytical Chemistry Branch (ACB). The formulation contained 0.273% quat; label claim is 0.2750% quat. The sample is within certified limits.

The product was tested against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test. The product was tested undiluted with a contact time of 10 minutes at 20°C; no organic soil load was added to the inoculum. Results of the efficacy evaluation indicate that the single lot of product was effective against *Staphylococcus aureus* ATCC 6538 (0/60 positive carrier sets). The average carrier counts for the test organism were consistent with the five log minimum requirement for efficacy testing.

Scientists and the Quality Assurance Officer from MLB have reviewed the data. To the best of our knowledge, the product was evaluated according to the efficacy specifications received from the study sponsor, the Antimicrobials Division (AD).

If you have any questions regarding the report, please contact Stephen Tomasino at 410-305-2976.

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

EPA

BIOLOGICAL REPORT OF ANALYSIS

1. SAMPLE NO.	2. DATE COLLECTED	3. REGION
5813-40	Split Sample, Revd. 05/12/11	IX

SAMPLE IDENTIFICATION

4. LOT OR CODE NUMBER(S)	5. EPA REGISTRATION NO.	6. ESTABLISHMENT NO.
A 41086	5813-40	5813-CA-3

7. PRODUCT NAME

Clorox Disinfecting Bathroom Cleaner

8. PRODUCER NAME AND ADDRESS *(Include ZIP code)*	9. DEALER NAME AND ADDRESS *(Include ZIP code)*
Received From: The Clorox Company 7200 Johnson Drive Pleasanton, CA 94588	Not applicable

10. PHYSICAL FORM		EMULS. CONC.		PRESS. SPRAY	X	DUST		GRANULAR
		WET. POWDER		AEROSOL		BAIT		OTHER

11. INGREDIENTS

Active ingredients (Label Claim)
n-Alkyl (60% C_{14}, 30% C_{16}, 5% C_{12}, 5% C_{18}) dimethylbenzyl ammonium chloride..... 0.1375%
n-Alkyl (68% C_{12}, 32% C_{14}) dimethyl ethylbenzyl ammonium chloride.....0.1375%
Other Ingredients.....99.7250%
Total.....100.0000%

TEST

12. TYPE OF TEST	13. TEST ORGANISM(S)	14. METHOD NO.	AOAC 961.02
AOAC Germicidal Spray Products as Disinfectants Test	*Staphylococcus aureus* ATCC #6538	15. DURATION	10 minutes
	Organic Soil Load: Not Applicable	16. CONCENTRATION	Ready to Use
		17. DILUENT	N/A

18. SUMMARY

Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) when tested using the AOAC Germicidal Spray Products as Disinfectants Test with a contact time of 10 minutes at room temperature was effective against *Staphylococcus aureus* (0+/60 carriers tested).

19. RESULTS

Test Date: 06/20/2011
Test Organism: *Staphylococcus aureus*
Average Carrier Count: 1.3×10^6 CFU/carrier
Number of carrier sets with growth: 0
Number of carrier sets without growth: 60
Total number of Carriers: 60

20. TESTER'S INITIALS	21. SIGNATURE OF LAB SUPERVISOR	22. LABORATORY	23. DATE
[illegible]	[illegible]	OPP Microbiology Laboratory	7/8/11

EPA Hq Form 8510-14 (Rev. 01-01) PREVIOUS EDITIONS ARE OBSOLETE

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2. ESTABLISHMENT COPY
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4. REGISTRATION DIV. COPY
5. REGISTRATION DIV. COPY

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

EPA

BIOLOGICAL REPORT OF ANALYSIS

1. SAMPLE NO.	5813-40
2. DATE COLLECTED	Split Sample, Rcvd. 05/12/11
3. REGION	IX

SAMPLE IDENTIFICATION

4. LOT OR CODE NUMBER(S)	5. EPA REGISTRATION NO.	6. ESTABLISHMENT NO.
A 41086	5813-40	5813-CA-3

7. PRODUCT NAME

Clorox Disinfecting Bathroom Cleaner

8. PRODUCER NAME AND ADDRESS *(Include ZIP code)*	9. DEALER NAME AND ADDRESS *(Include ZIP code)*
Received From: The Clorox Company 7200 Johnson Drive Pleasanton, CA 94588	N/A

10. PHYSICAL FORM		EMULS. CONC.		PRESS. SPRAY	X	DUST		GRANULAR
		WET. POWDER		AEROSOL		BAIT		OTHER

11. INGREDIENTS

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Other Ingredients.....99.7250%
Total.....100.0000%

TEST

12. TYPE OF TEST	13. TEST ORGANISM(S)	14. METHOD NO.	AOAC 961.02
AOAC Germicidal Spray Products as Disinfectants Test	*Staphylococcus aureus*: ATCC #: 6538	15. DURATION	10 minutes
	Organic Soil Load: Not Applicable	16. CONCENTRATION	Ready to Use
		17. DILUENT	N/A

18. SUMMARY

Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) when tested using the AOAC Germicidal Spray Products as Disinfectants Test with a contact time of 10 minutes at room temperature was effective against *Staphylococcus aureus* (0+/60 carriers tested).

Sec. 9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended *(7 U.S.C. 136g)* requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis shall be furnished promptly to the owner, operator, or agentin charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form. The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed. Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL		ADDRESS OF REGIONAL OFFICE *(Include ZIP code)*
PHONE NUMBER	DATE	

EPA Hq Form 8510-14 (Rev. 01-01) PREVIOUS EDITIONS ARE OBSOLETE

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5. REGISTRATION DIV. COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D.C., 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Office of Pesticide Programs/Microbiology Laboratory Branch
Quality Assurance Unit Statement

In compliance with EPA Good Laboratory Practice Standards, (40 CFR § 160), the Quality Assurance Unit of OPP Microbiology Laboratory has inspected the following study:

- Microbiology Protocol # 2011-53: Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. # 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test

The following inspections were conducted:

Activity Inspected	Date	Date reported to Management	Date reported to Study Director
Pre-Study Review	06/16/11	N/A	N/A
In-progress Audit	06/20/11	N/A	N/A
Audit Report Prep.	06/28/11	06/28/11	06/28/11
Post-study Review	07/01/11	N/A	N/A
Final Report	07/07/11	07/07/11	07/07/11

Kiran Verma — 07/07/11
Kiran Verma (Quality Assurance Officer) — Date

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

TITLE OF DISINFECTANT PERFORMANCE REPORT:

Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test

U.S. Environmental Protection Agency
OPP Microbiology Laboratory

Protocol Number: **2011-53**

Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test

This study was conducted in accordance with Good Laboratory Practice Standards (FIFRA 40 CFR Part 160).

Stephen Tomasino — 06/29/11
Stephen Tomasino — Date
Study Director

06/27/2011
Luisa C. Samalot-Freire — Date
Test Coordinator

FINAL REPORT
PAGE 1 OF 25
REG. NO. 5813-40
TEST GSPT

Study Protocol: OPP Microbiology Laboratory Protocol #2011-53
OPP Microbiology Laboratory

Title: Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test

Purpose: The purpose of this assay is to determine the effectiveness of an antimicrobial product against *Staphylococcus aureus* on a hard surface. The product is being tested as a split sample.

Sponsor: Antimicrobials Division (AD), One Potomac Yard, 2777 S. Crystal Drive, Arlington, VA 22202

Test Facility: OPP Microbiology Laboratory, Biological and Economic Analysis Division (BEAD), OPP, EPA Environmental Science Center, 701 Mapes Road, Ft. Meade, MD 20755-5350

Study Director: Stephen Tomasino

Lead Analyst: Luisa C. Samalot-Freire

Proposed Start Date: June, 2011

Proposed Completion Date: June, 2011

Test Design:

Test Method: Test methodology is described in the OPP Microbiology Laboratory Standard Operating Procedure (SOP) MB-06-05: Germicidal Spray Products as Disinfectants: Testing of *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Salmonella enterica.*

Test Substance: Four - 30 fl. oz containers of the product were received by the OPP Microbiology Laboratory on 05/12/11 for efficacy testing. The sample was placed under chain of custody upon arrival, sealed, and assigned the sample number "5813-40."

Product Name: Clorox Disinfecting Bathroom Cleaner
EPA Reg. No. 5813-40
Lot #: A41086
Expiration Date: N/A

Ingredients (Label Claim):

Active Ingredients:
n-Alkyl (60% C_{14}, 30% C_{16}, 5% C_{12}, 5% C_{18})
dimethylbenzyl ammonium chloride..... 0.1375%
n-Alkyl (68% C_{12}, 32% C_{14})
dimethyl ethylbenzyl ammonium chloride.....0.1375%
Other Ingredients.....99.7250%
Total.....100.0000%

The OPP Analytical Chemistry Laboratory, BEAD, EPA Environmental Science Center, 701 Mapes Road, Ft. Meade, MD 20755-5350, is responsible for conducting the chemical analysis verification.

Formulation: Ready - to -Use

Test System: The test system used in this study is in accordance with the EPA data requirements for efficacy testing of hospital disinfectants used on hard surfaces. *Staphylococcus aureus* is the microbial agent administered in this study. Selective media, Gram staining, and VITEK™ for the automated identification of microorganisms are used for the initial and monthly identification confirmation. Generation of new stock cultures and confirmation testing are performed every 30 days. Test microbe notation is described in the Laboratory SOP MB-02-04: Tracking of Test Microorganisms. Test microbe culture maintenance is described in SOP MB-05-08: AOAC Use Dilution Method for Testing Disinfectants.

Controls: Performance and Sterility Assessment of Media and Reagents, Carrier Counts, and Viability and Negative Controls.

Carriers: A single test involves the evaluation of 60 inoculated carriers (one organism) against one product sample. In addition to the 60 carriers, 6 carriers are required to estimate carrier bacterial load, 2 carriers are required for viability controls, and at least 4 more are included as extras. Thus, a minimum of 72 inoculated carriers are required to perform a single test against one organism.

Carrier counts are determined for both organisms as described in MB-06-05, Germicidal Spray Products as Disinfectants. For the carrier count assay, 6 carriers are randomly selected from the pool of carriers designated for product testing.

Test Parameters:

Subculture Medium:	D/E (Dey-Engley) Broth
Neutralizer:	D/E (Dey-Engley) Broth
Organic Soil Load:	Not Applicable
Use Dilution:	Ready to Use
Diluent:	None
Application:	Spray glass slides at a distance of 6-8 inches until thoroughly wet. Contact time is 10 minutes at room temperature.

Results: After the primary and secondary subculture tubes are incubated at 36±1°C for 48±2 hours, results are read and recorded.

A positive result is as follows:

- *S. aureus* – bacterial growth is indicated by a color change of the medium from purple to yellow

A negative result is as follows:

- *S. aureus* – the medium remains purple

Results: After the primary and secondary subculture tubes are incubated at 36±1°C for 48±2 hours, results are read and recorded. A positive result is one in which the broth appears turbid. A negative result is one in which the broth appears clear.

Confirmation: Gram stains are performed on smears taken from selected positive culture tubes. For the additional confirmatory tests, a loopful of broth from each selected culture tube is streaked on both TSA and selective media appropriate for the test organism (mannitol salt agar) and incubated for 24±2 hours at 36±1°C. Growth on selective media is checked for the typical morphological characteristics, and the culture on the TSA plate is used for preparing the inoculum for the automated identification of microorganisms employing the VITEK™ system.

Repeat Testing: Testing will be repeated in the event that any of the following occur:

- A product test exhibiting passing results (i.e., 0 or 1 positive carrier sets for the test microbe) will be repeated if contamination is present for more than one carrier set.

- For a failing product test (i.e., 2 or more positive carrier sets for the test microbe), no contamination is permissible in any of the carrier sets and the test is deemed invalid and must be repeated.
- If the average carrier counts are below 1×10^5 Colony Forming Units/carrier.
- If viability and/or negative controls do not give expected results.
- If deemed necessary by the Study Director or Study Sponsor, a product test may be repeated in order to verify the results.

Statistics: None Required.

Data Reporting/ Retention:

- A full performance report will be prepared in accordance with OPP Microbiology Laboratory SOP ADM-01-04: Preparation and Review of Performance Reports for Efficacy Testing. The full report with signed QA Statement and BRA along with a transmittal memo will be forwarded to AD. One copy of the final report will be kept in a secured file cabinet in D217 for internal archives.

Protocol Approval:

Lead Analyst/Date: [signature] / 06/16/2011

Study Director/Date: Stephen Tomasino / 06/16/11

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TEST GSPT

EFFICACY TESTING
ANTIMICROBIAL PRODUCT TESTING PROGRAM
MASTER REFERENCE FOR TEST METHODS & CONDITIONS:
A.O.A.C. GERMICIDAL SPRAY METHOD

EPA REG. NO.	PRODUCT	TEST METHOD	TEST CONDITIONS	CONTACT TIME/TEMP	NEUTRALIZER/SUBCULTURE MEDIA	COMMENTS
5813-40	Disinfecting Bathroom Cleaner	A.O.A.C. Germicidal Spray Products Test	RTU *Staphylococcus aureus* only	10 min./Room Temperature	Neutralizer: D/E Broth Subculture medium: D/E Broth	Compare label directions to test parameter table. If label claims differ from these parameters, contact the Antimicrobials Division for additional instructions (703-308-8170).

-Test parameters developed from the label and test data.

Study Sponsor Signature Lorilyn M. Montford 5/12/11

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REG. NO. 5813-40
TEST GSPT

Test Coordinator and Analyst Signature Page
OPP Microbiology Laboratory

TITLE OF THE STUDY:

Performance Assessment of Clorox Disinfecting Bathroom Cleaner (EPA Reg. No. 5813-40, Sample No.: 5813-40) against *Staphylococcus aureus* using the AOAC Germicidal Spray Products as Disinfectants Test

Lead Analyst: _____ Date: 06/27/11

Analysts: Rebecca Pines Date: 06/30/11

Data Summary Sheet

Subject	Details
Disinfectant Name	Clorox Disinfecting Bathroom Cleaner
Registration No.	5813-40
Sample No.	5813-40
Lot No.	A41086
Expiration Date	N/A
Registrant	The Clorox Company
City, State	Pleasanton, CA
Test Date	06/20/2011
Test Type	AOAC Germicidal Spray Products as Disinfectant Test
Organism	*Staphylococcus aureus*
Test Conditions:	
Soil Load	N/A
Water Type	N/A
Water Hardness	N/A
Use Dilution	Ready to Use
Date Diluted	N/A
Water bath Temp.	N/A
Contact Time	10 minutes
Spray Interval	30 seconds
Neutralizer	Dey Engley Broth
Subculture Media	Dey Engley Broth
Spray Distance (if applicable)	6-8 inches
Results:	
Carrier Counts (CFU/carrier)	1.3×10^6
No. Carrier Sets with Growth	0
No. Carrier Sets without Growth	60
Total No. Carriers	60

AOAC Germicidal Spray Products Test: Information Sheet
OPP Microbiology Laboratory

TEST INFORMATION/Confirmed by: (1)			
EPA Reg. No.	5813-40	SOP	MB-06-05
Name	Clorox Disinfecting Bathroom Cleaner	Test Date	06/20/11
Sample No.	5813-40	Comments/Modifications:	
Lot No.	A41086		
Expiration Date	N/A		

TEST PARAMETERS/Confirmed by: (1)			
H_2O Hardness ($CaCO_3$) ppm	Specified	Titrated (Buret)/Date/Init	HACH/Date/Init
	N/A	N/A	N/A
Use Dilution	Specified	As Prepared/Date/Init	
	Ready to use	Ready to use / (1) / 06/20/11	
Organic Soil	Specified	As Prepared/Date/Init	
	Not Applicable	N/A	
Neutralizer	Specified		
	Dey-Engley Broth		
Temperature (°C)	Specified	Temperature	Relative Humidity
	Room temperature	21.8 °C	58%
Contact Time	Specified	As Tested	
	10 minutes	10 minutes	
Other Parameters	Specified		
	Spray glass slides at a distance of 6-8 inches until thoroughly wet.		

TEST MICROBE INFORMATION/Confirmed by: (2)				
Test Microbe	*Staphylococcus aureus*	48-54 Hour Culture		
Org. Control No	MR101910ME022B12-S-040417C		Initiated	Harvested
Avg. CFU/Carrier	1.3×10^6 Avg. cfu/carrier	Date/Time	06/18/11	06/20/11
Optical Density (optional)	0.230		8:35am	8:55am

REAGENT/MEDIA INFORMATION/Confirmed by: (1)			
Reagent/Media	Prep. No.	Reagent/Media	Prep. No.
Letheen broth for carrier counts only	P-060911-04	Dey-Engley Broth	P-061711-04
Sterile glass slide carriers	P-061511-02		
Clorox Disinfecting Bathroom Cleaner	P-062011-04		

AOAC Germicidal Spray Products Test: Results Sheet

OPP Microbiology Laboratory

TEST INFORMATION/Confirmed by:			
EPA Reg. No.	5813-40	Test Date	06/20/11
Name	Clorox Disinfecting Bathroom Cleaner	Test Organism	*Staphylococcus aureus*
Sample No.	5813-40		

TEST RESULTS									
Date/Initials	06/22/11								
Primary Subculture/Secondary Subculture (carrier)									
1	2	3	4	5	6	7	8	9	10
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
11	12	13	14	15	16	17	18	19	20
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
21	22	23	24	25	26	27	28	29	30
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
31	32	33	34	35	36	37	38	39	40
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
41	42	43	44	45	46	47	48	49	50
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
51	52	53	54	55	56	57	58	59	60
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Results Summary		Number of carrier sets with growth			0				
		Number of carrier sets without growth			60				
Controls Summary		Viability Controls*		+ / +	Acceptable: X Yes ___ No				
		Negative Controls*		0 / 0	Acceptable: X Yes ___ No				
Comments:									

*Record growth as "+", no growth as "0"

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Carrier Count Data Sheet
OPP Microbiology Laboratory

TEST INFORMATION/Confirmed by:	
EPA Reg. No.	5813-40
Name	Clorox Disinfecting Bathroom Cleaner
Sample No.	5813-40
Test Date	06/20/11
Organism	*Staphylococcus aureus*
SOP	MB-06-05
Test Type	AOAC Germicidal Spray Products Test

RESULTS			
Date/Initials	06/21/11		
Plating method	Spread plating		
Volume of media in initial tube receiving carrier	20 mL		
Carrier No. / Dilution	CFU per Dilution Plate (2)		
	10^{-2}	10^{-3}	10^{-4}
1	TNTC / TNTC	77 / 60	6 / 4
2	TNTC / TNTC	62 / 61	5 / 3
3	TNTC / TNTC	75 / 64	6 / 3
4	TNTC / TNTC	63 / 61	9 / 7
5	TNTC / TNTC	75 / 59	9 / 6
6	TNTC / TNTC	55 / 51	7 / 3
Comments: N/A = not applicable			

Carrier Count Spreadsheet

OPP Microbiology Laboratory

TEST INFORMATION/Confirmed by:	
EPA Reg. No.	5813-40
Name	Clorox Disinfecting Bathroom Cleaner
Sample No.(s)	5813-40
Test Date	6/20/2011
Organism	*Staphylococcus aureus*
SOP	MB-06-05
Test Type	Germicidal Spray Products as Disinfectants Test

Volume of media in tube with carrier (mL): 20

Carrier No. / Dilution	CFU per Plate						CFU/mL per carrier	CFU/carrier	LD/carrier
	1.E-02		1.E-03		1.E-04				
1	TNTC	TNTC	77	60	6	4	6.7E+04	1.3E+06	6.1
2	TNTC	TNTC	62	61	5	3	6.0E+04	1.2E+06	6.1
3	TNTC	TNTC	75	64	6	3	6.7E+04	1.3E+06	6.1
4	TNTC	TNTC	63	61	9	7	6.4E+04	1.3E+06	6.1
5	TNTC	TNTC	75	59	9	6	6.8E+04	1.4E+06	6.1
6	TNTC	TNTC	55	51	7	3	5.3E+04	1.1E+06	6.0
Mean per carrier for all carriers tested:								1.3E+06	6.1

Comments: LD = log density

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Laboratory Chain-of-Custody Form
OPP Microbiology Laboratory

Laboratory Chain of Custody Form

Product Information:
EPA Reg. #: 5813-40
Product Name: Clorox Disinfecting Bathroom Cleaner
Sample #: 5813-40
Lot #: A41086
Date Received: 5-12-11

Product Disposal Information:
Date of Disposal:
Sample Custodian Initials:
Amount Disposed:
Reason for Disposal:

Date/Time Removed	Sample Custodian Initials	Removed From	Purpose of Removal	Amount Used (mL)	Returned To	Sample Custodian Initials	Date/Time Returned
06/20/11 9:00am	PAP	D204	GSPT.	To spray 100 carriers	D204	PAP	06/20/11 12:00pm

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TEST GSPT

Chain-of-Custody Seal Log
OPP Microbiology Laboratory

Chain-of-Custody Seal Log

Product Information:

Product EPA Reg. #: 5813-40 Product Name: Clorox Disinfecting Bathroom Cleaner

Sample #: 5813-40

Date Product Received: 5 / 12 / 11

Date/Initials	Apply Seals Below (1 seal per row)
06/20/11 RAP	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY OFFICIAL SAMPLE SEAL — SAMPLE NO. 5813-40 — DATE 5-12-11 — SIGNATURE Michele Cothrill — PRINT NAME AND TITLE (Inspector, Analyst or Technician) Michele Cothrill, Analyst — SEAL BROKEN BY — DATE 06/20/11 — EPA FORM 7500-2(R7-75)

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TEST GSPT

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

EPA

HISTORY OF OFFICIAL SAMPLE - LABORATORY

1. SAMPLE NO.	2. REGISTRATION NO.
5813-40	5813-40

3. PRODUCT: Clorox Disinfecting Bathroom Cleaner

4. LABORATORY: OPP Microbiology Laboratory

5. DATE RECEIVED: 5-12-11

6. RECEIVED BY: Michele Cothrill

7. RECEIVED FROM: Shaina Miller / Jamie Quon (Clorox)

8. SENT VIA: FedEx Express

9. SAMPLE CONDITION: Good

10. CONDITION OF SEALS: No Seals

11. SEALED BY: Michele Cothrill

12. DATE SEALED: 5-12-11

13. PIECES RECEIVED: 4 x 30 fl. oz

14. PLACE STORED: D204

15. REMARKS:

Lot# A4086

Transferred one container to A. Burns on 5-12-11.

Exp date 3/27/2012 - marked on label affixed to ~~sample~~, not on sample container itself. JC 5-12-11.

EPA FORM 3540-17 (01-01)

Shipping and Receiving Record for Disinfectant Product Samples Form
OPP Microbiology Laboratory

Shipping and Receiving Record for Disinfectant Product Samples	
Loading Dock Personnel (Date/Initials): 5/14 SM	Loading Dock Personnel (Date/Initials):
Shipping Container # 1 of 1 Date and Time Received: 5-12-11 11:00am Received By: Shauna Miller Received From: Clorox Services/CTC Type of Delivery: FedEx Express Tracking Number (if available): 4160 6707 0095	Shipping Container # ____ of ____ Date and Time Received: Received By: Received From: Type of Delivery: Tracking Number (if available):
Sample Custodian (Date/Initials): 5-12-11/MC	Sample Custodian (Date/Initials):
Condition of Primary Shipping Container: Good Product Name(s): Clorox Disinfecting Bathroom Cleaner EPA Reg. No.(s): 5813-40 Sample Numbers: 5813-40	Condition of Primary Shipping Container: Product Name(s): EPA Reg. No.(s): Sample Numbers:

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TEST GSPT